



We would invite your attention to our establishment for the manufacture and erection of Horticultural Buildings, and depot of green-house implements, fixtures, fittings, etc., of which we make a specialty.

Having for a series of years been engaged in the erection of Green-houses, Vineries, etc., and having a large factory with steam power, with all necessary machinery, with skilled labor of many years' practice, building *all parts*, including painting, glazing, heating, ventilating, and finishing all ready for occupancy, will be found a great convenience to those who are *practically unacquainted* with the plans and details of the construction of such houses.

The erection of Horticultural Buildings is a distinct branch of trade, and to succeed the builder should have a *practical knowledge* of plants, their habits of growth, and requirements of heating, ventilation, and other details incident to the different plans and styles of buildings, and the purposes intended.

With our large facilities, long experience and uniform success in the erection of Horticultural Buildings, for both public and private places and institutions, that are practically adapted for the growth of plants, is an assurance of success with any building we undertake.

In the construction, after a long series of experiments, the curvilinear form of different radiuses is adopted in our plans, and is acknowledged to be the best in form for receiving and retaining the rays of the sun, light, and heat, equalizing and distributing it uniformly during the day. They are much stronger, less joints, less wood, being of truss form, dispensing with inside supports, give less shade, and with our improved obscured glass for plant-houses, that prevents any scorching of leaves, etc., will be found in practice to be very uniform and satisfactory, and in appearance and architectural effect they are greatly superior.

While *greatly superior*, the cost is not enhanced, but, with the aid of machinery, is less than the old style of sliding sash.

The rafters being cut in sections with the grain of wood, cemented and bolted at the joints in one continuous piece from sill to ridge, formed by machinery (for which a patent is applied for), gives them a unison and strength unattainable in any other form. The sash bars being cut on a radius to conform to the rafter when erected, gives a perfect uniform surface not possible to be had with bent bars, ensuring good glazing and non-liability to warp and crack, or glass to become loose.

In *heating*, special pains are taken, and no expense spared to have it efficient and to distribute it to the best advantage, and to so arrange it as to warm equally in all apartments, economize fuel and labor, and to be easily controlled. We have been eminently successful, using none but approved boilers, with fittings and pipe manufactured expressly for the purpose, with a liberal supply of radiating surface. *Satisfaction is guaranteed.*

*Ventilation* is done on principles that give a uniform temperature throughout the house. High houses, generally so hard to operate, are so arranged that the temperature is equalized; the plants are not *drawn*, but retain the bushy form that gives evidence of thriftiness and genial temperature. With our improved elevators, ventilators retain their position in all weathers, and are adjusted to any nicety required.

*Our plans* are original, and in particular cases are designed to suit the different locations and styles of architecture, and for the various purposes intended. *Whether ornamental or plain, utility is not sacrificed to ornament.*

They were acknowledged by the late J. A. Pilate (late chief gardener at Central Park) to be correct in principle, and the best that had come under his observation. They received his highest commendation.

Those contemplating building are invited to correspond.

Address,

LORD'S HORTICULTURAL WORKS,

Irrington-on-Hudson.